Title of Invention: "ENHANCEMENT OF HUMORAL IMMUNE RESPONSES USING A NOVEL MYELOID ACCESSORY CELL"

Inventor's Name: CAMBIER et al.

Serial No. Not Yet Assigned Docket No. 2879-101 Agent: Angela Dallas Sebor Telephone: 303/863-9700

Sheet 1 of 4 sheets

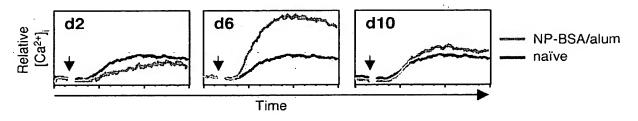


Fig. 1A

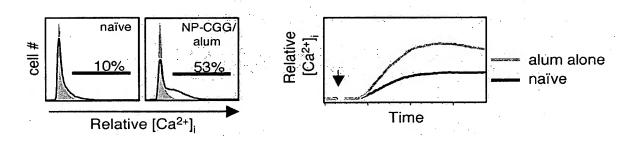


Fig. 1B

Fig. 1C

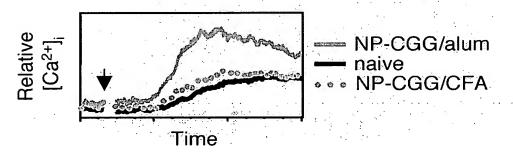


Fig. 1D

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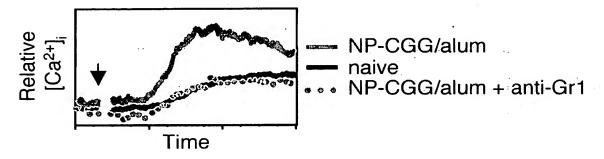
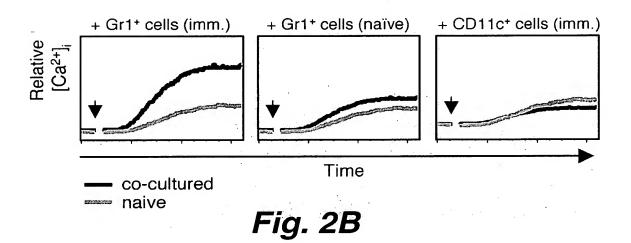


Fig. 2A



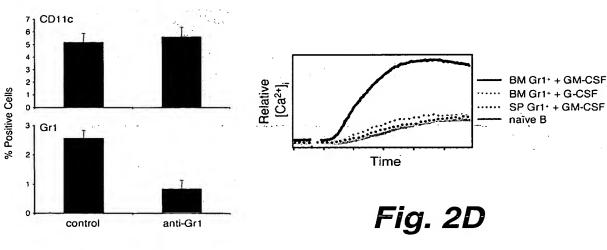


Fig. 2C

Agent: Angela Dallas Sebor Telephone: 303/863-9700 Sheet 3 of 4 sheets Fig. 3A **IL-4** requirements wt Gr1, wt B Relative wt Gr1, ko B ko Gr1, wt B ko Gr1, ko B Time Fig. 3B STAT-6 requirements wt Gr1, wt B Relative [Ca²⁺]; ko Gr1, wt B wt Gr1, ko B ko Gr1, ko B Time anti-IL-4 in vitro Fig. 3C Relative $[Ca^{2+}]$ Gr1+ cells Gr1+ cells/anti-IL-4 naïve B Time Fig. 3D anti-IL-4 in vivo Relative $[Ca^{2+}]_{i}$ NP-CGG/alum naive NP-CGG/alum + anti-IL-4 Time

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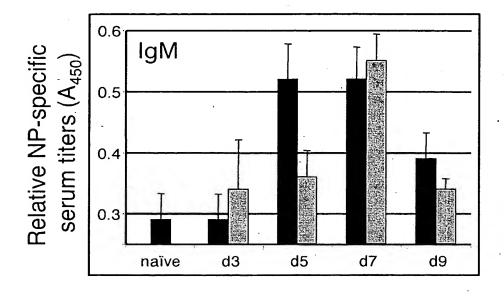


Fig. 4A

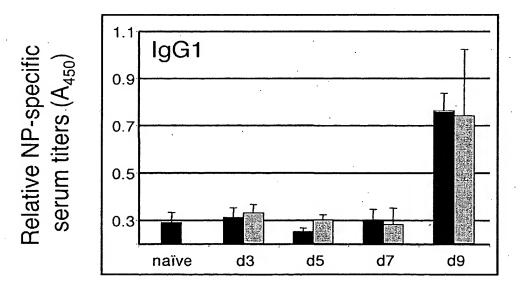


Fig. 4B